

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD066009.D
 Acq On : 22 Jul 2020 18:38
 Operator : VA/SY
 Sample : L3362-01
 Misc : 6.63G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE

Quant Time: Jul 23 01:38:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

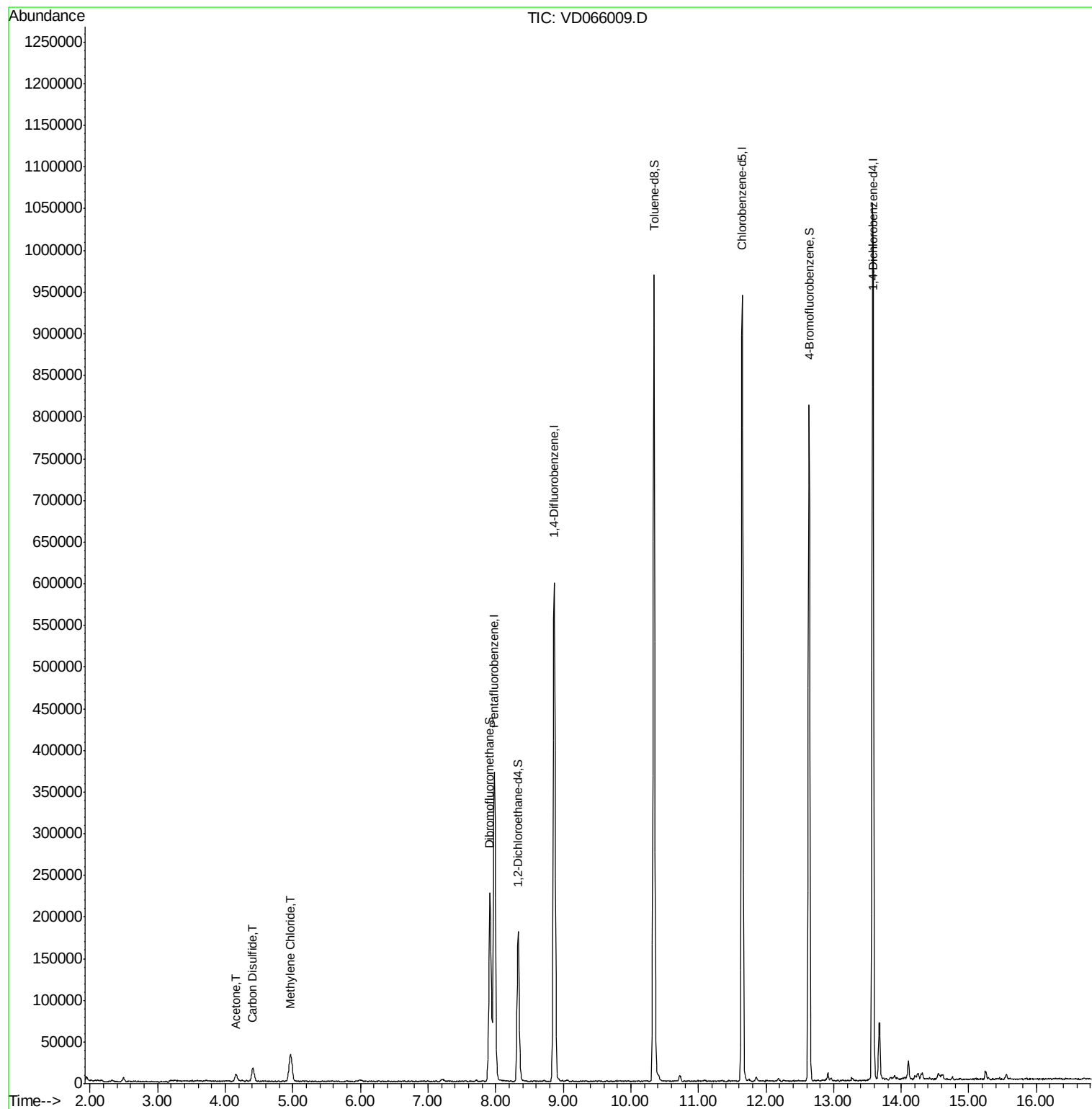
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	306542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	547875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	573008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	295806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	141941	56.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.82%	
35) Dibromofluoromethane	7.91	113	161572	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	10.34	98	658936	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.64	95	259237	60.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.80%	
Target Compounds						
16) Acetone	4.16	43	15723	31.142	ug/l	91
17) Carbon Disulfide	4.41	76	33894	4.123	ug/l	97
20) Methylene Chloride	4.96	84	27064	7.154	ug/l #	82

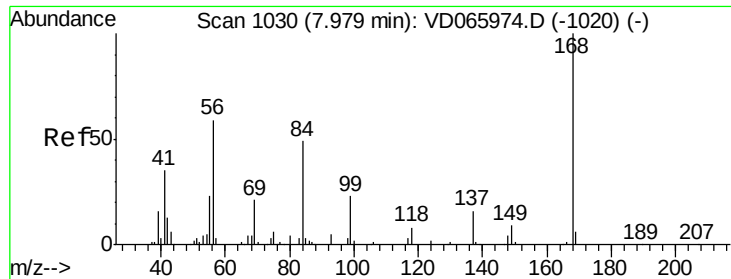
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072220\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066009.D

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Instrument :

MSVOA_D

ClientSampleId :

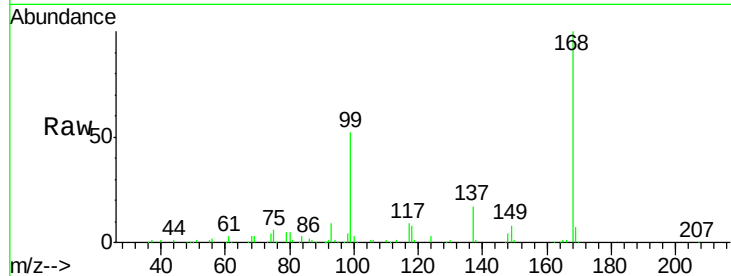
SOIL-PILE

Tot Ion:168 Resp: 306542

Ion Ratio Lower Upper

168 100

99 52.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

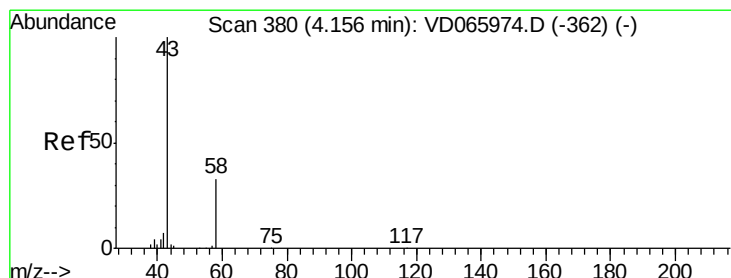
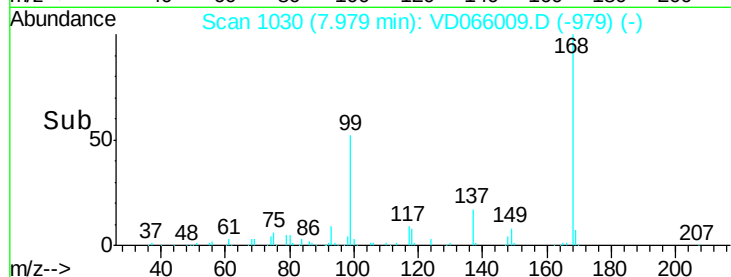
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 31.142 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066009.D

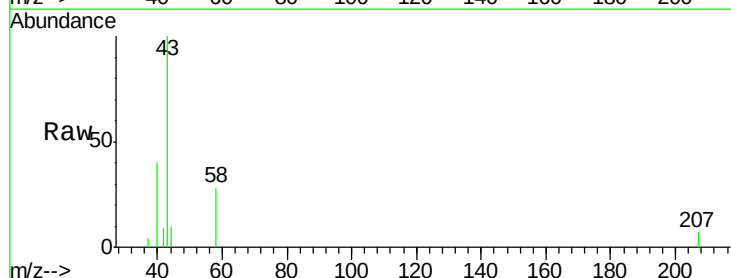
Acq: 22 Jul 2020 18:38

Tgt Ion: 43 Resp: 15723

Ion Ratio Lower Upper

43 100

58 27.9 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

6000

5000

4000

3000

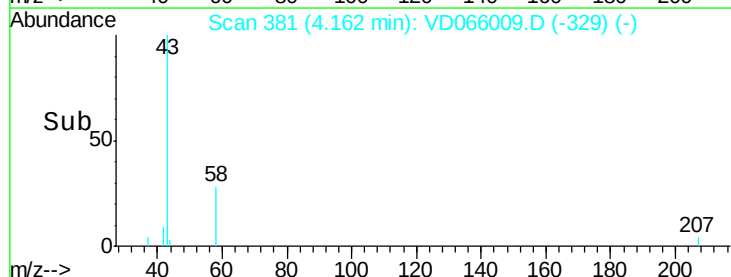
2000

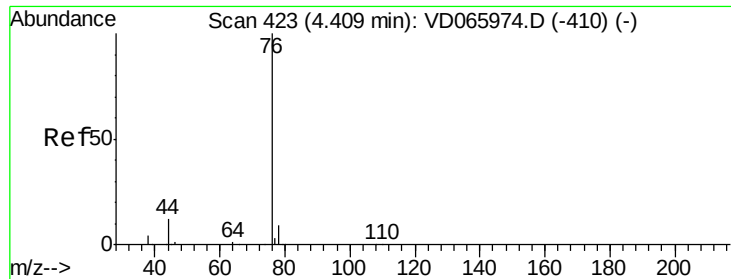
1000

0

4.10 4.20

Time-->





#17

Carbon Disulfide

Concen: 4.123 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD066009.D

Acq: 22 Jul 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

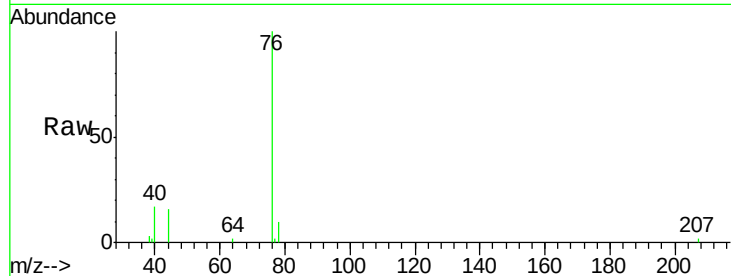
SOIL-PILE

Tot Ion: 76 Resp: 33894

Ion Ratio Lower Upper

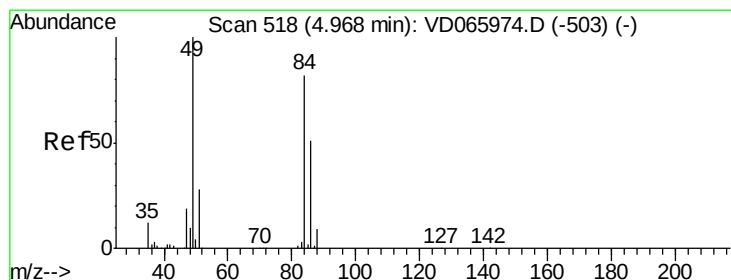
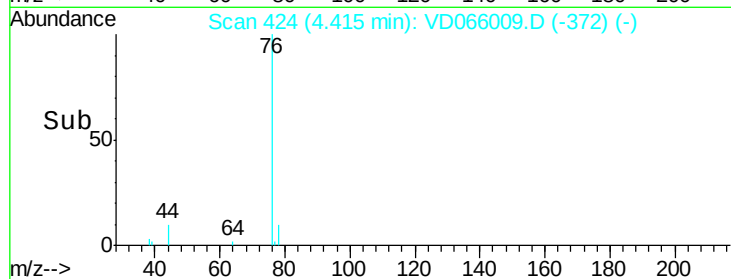
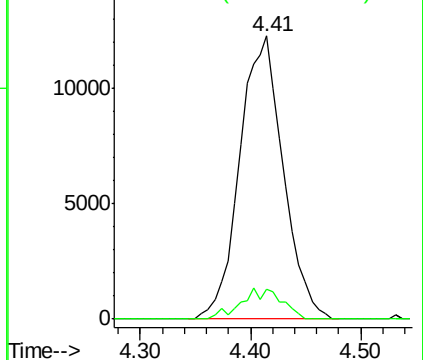
76 100

78 10.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#20

Methylene Chloride

Concen: 7.154 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066009.D

Acq: 22 Jul 2020 18:38

Tgt Ion: 84 Resp: 27064

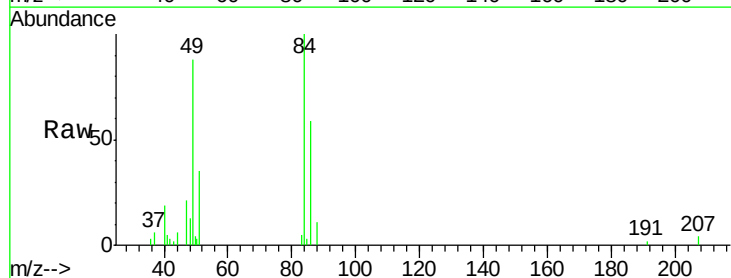
Ion Ratio Lower Upper

84 100

49 88.3 97.7 146.5#

51 34.5 27.4 41.2

86 58.7 49.4 74.2

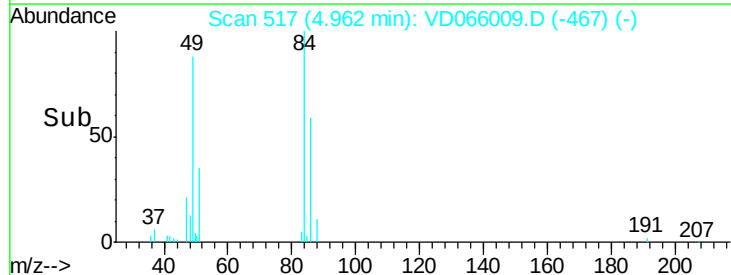
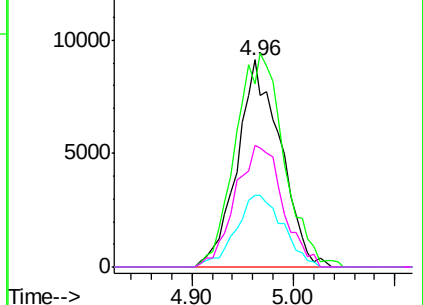


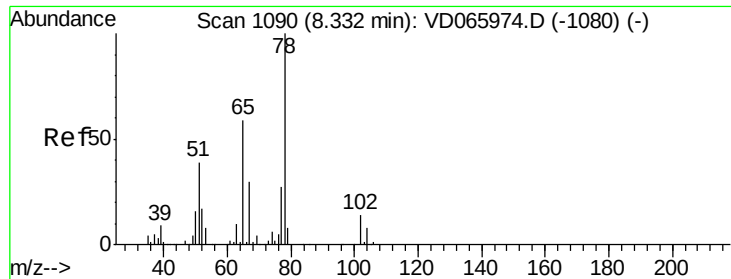
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

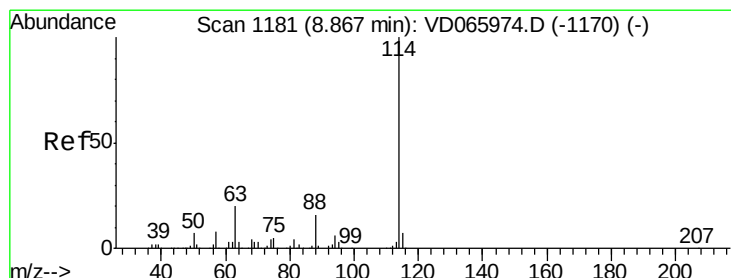
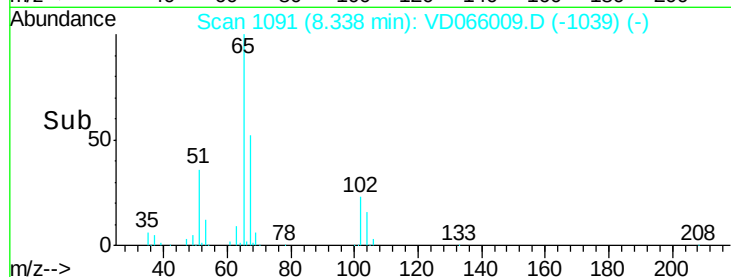
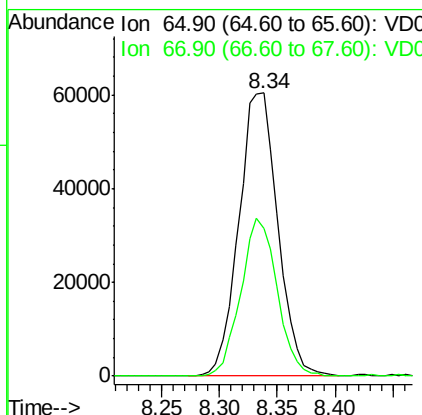
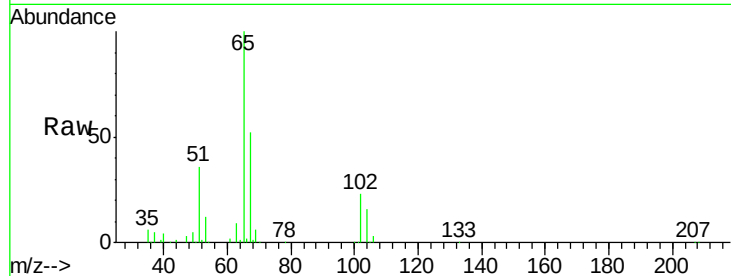




#33
 1,2-Dichloroethane-d4
 Concen: 56.906 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD066009.D
 Acq: 22 Jul 2020 18:38

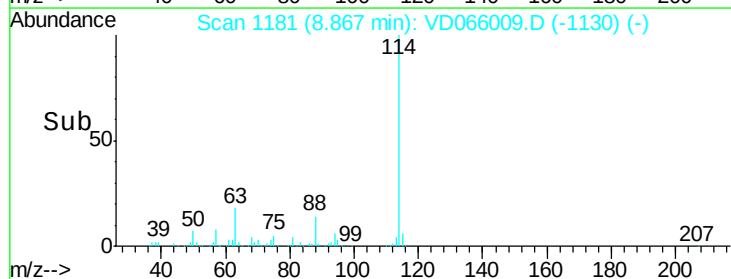
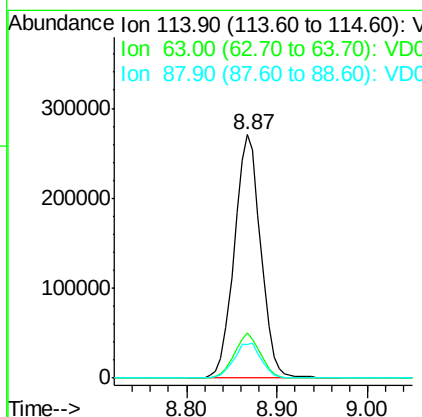
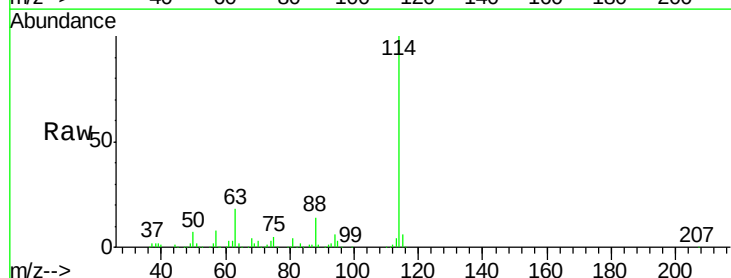
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE

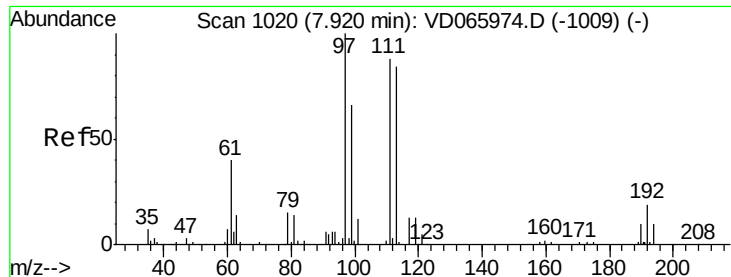
Tot Ion: 65 Resp: 141941
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066009.D
 Acq: 22 Jul 2020 18:38

Tgt Ion: 114 Resp: 547875
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.6
 88 14.0 0.0 31.2

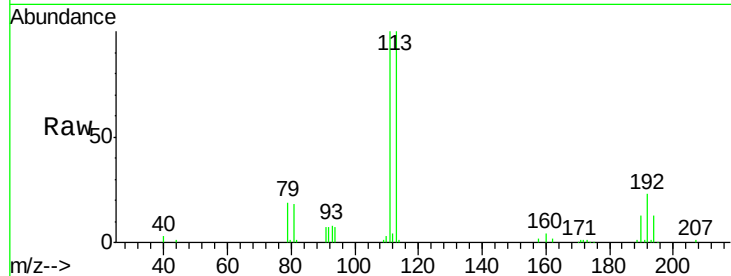




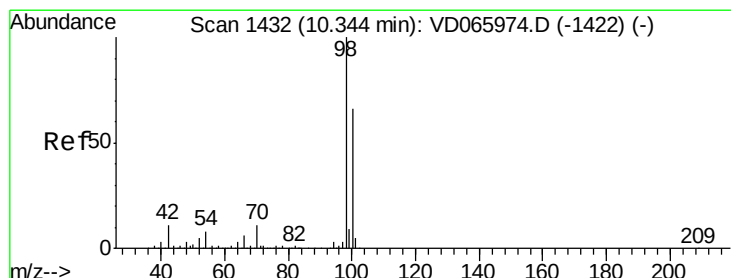
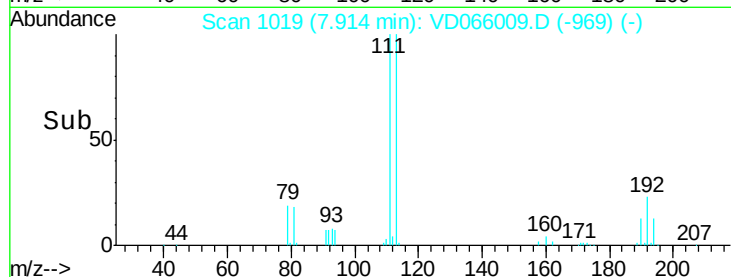
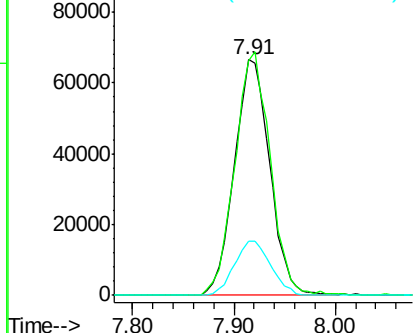
#35
 Dibromofluoromethane
 Concen: 48.622 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066009.D
 Acq: 22 Jul 2020 18:38

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE

Tot Ion:113 Resp: 161572
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.2 124.8
 192 23.6 18.7 28.1

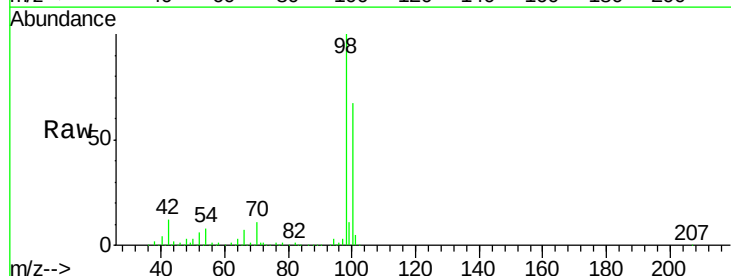


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

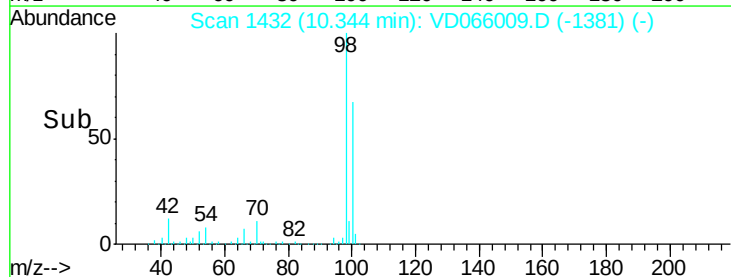
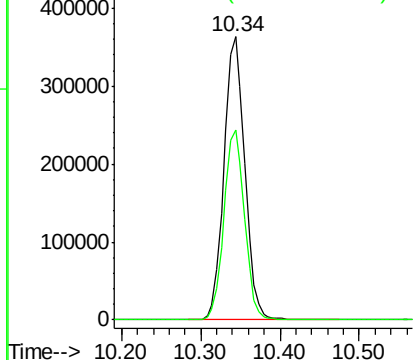


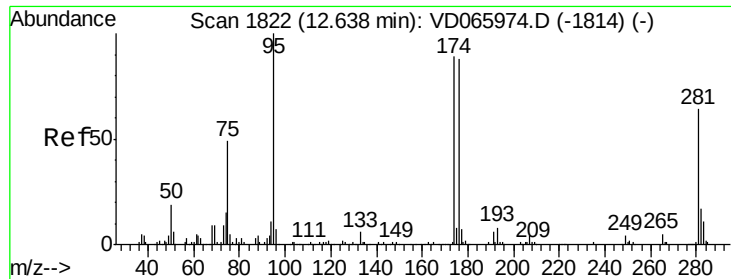
#50
 Toluene-d8
 Concen: 53.229 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD066009.D
 Acq: 22 Jul 2020 18:38

Tgt Ion: 98 Resp: 658936
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

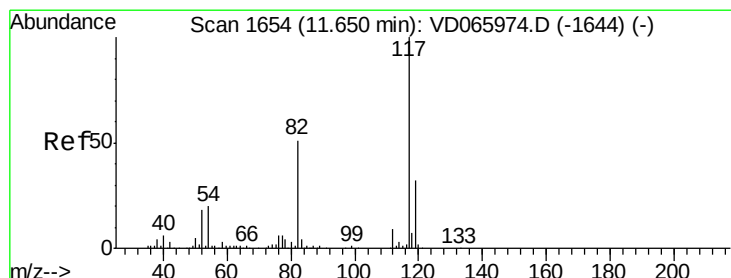
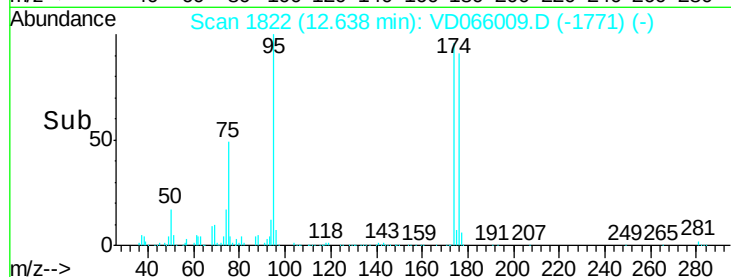
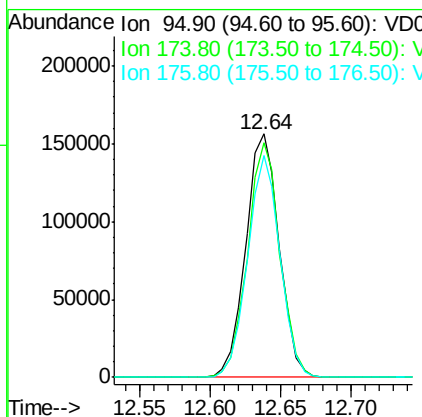
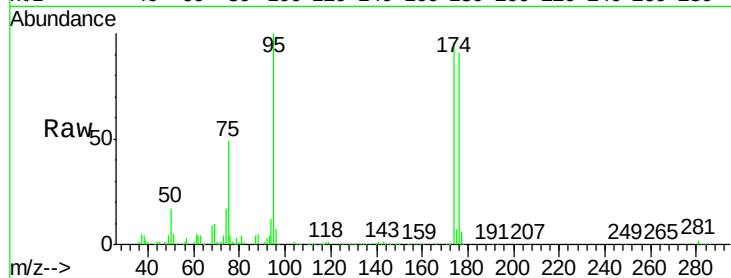




#62
4-Bromofluorobenzene
Concen: 60.395 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066009.D
Acq: 22 Jul 2020 18:38

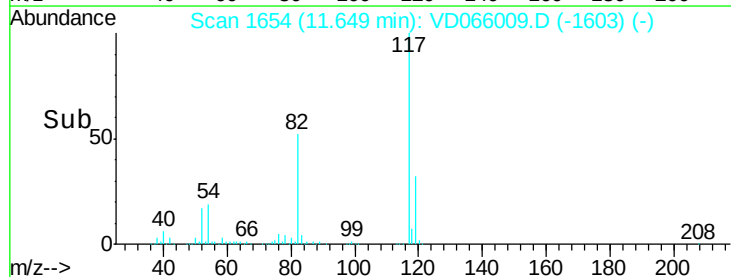
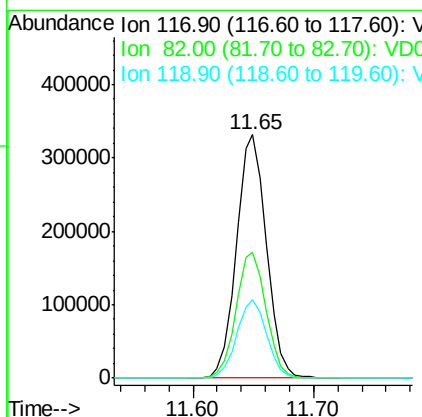
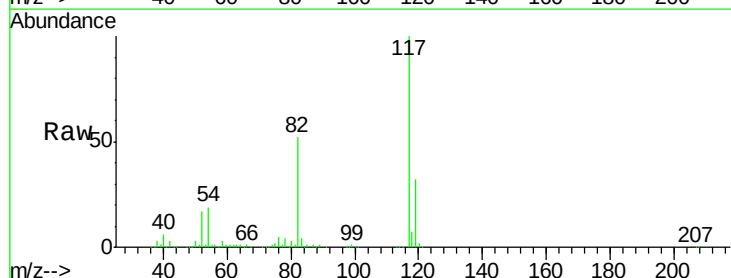
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE

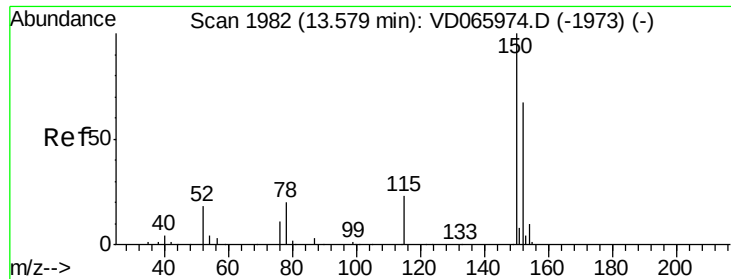
Tot Ion: 95 Resp: 259237
Ion Ratio Lower Upper
95 100
174 93.7 0.0 178.8
176 88.1 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066009.D
Acq: 22 Jul 2020 18:38

Tgt Ion: 117 Resp: 573008
Ion Ratio Lower Upper
117 100
82 51.6 41.1 61.7
119 32.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066009.D

Acq: 22 Jul 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE

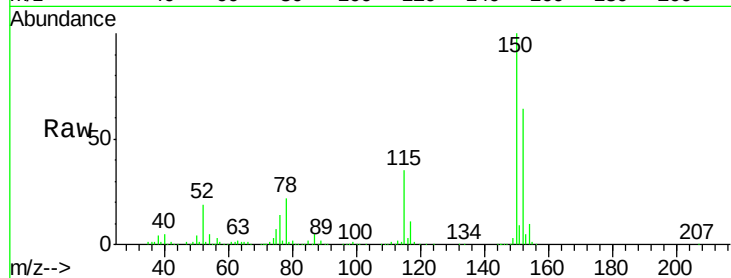
Tot Ion:152 Resp: 295806

Ion Ratio Lower Upper

152 100

115 55.1 27.9 83.7

150 158.2 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

